

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	439	core\$2 near7 (inclin \$5 cone\$1 taper\$4) near5 surfac\$4 same (diverg\$4 parall\$4 collimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/12 14:28
L2	54	L1 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/12 14:28
S1	1	11/307248	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 16:41
S2	2	"5613768".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:06
S3	6	(waveguide\$2 fiber \$2 fibre\$2) same core\$2 and core\$2 same clad\$5 same (index\$3 indic\$4) and core\$2 near5 cone\$1 same (waveguide\$2 fiber \$2 fibre\$2 core\$2) near5 beam\$1 near7 (diverg\$4 parall\$4 collimat\$4) and (waveguide\$2 fiber\$2 fibre\$2 core \$2) near9 diverg\$4 and (waveguide\$2 fiber\$2 fibre\$2 core \$2) near9 angl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:22
S4	5	(US-20070104431-\$ or US-20070091948- \$ or US- 20070041083-\$). did. or (US-7260299- \$ or US-5054877-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:17

S5	5	S4 and core\$2 near5 cone\$1 same (waveguide\$2 fiber \$2 fibre\$2 core\$2) near5 beam\$1 near7 (diverg\$4 parall\$4 collimat\$4) and (waveguide\$2 fiber\$2 fibre\$2 core \$2) near9 diverg\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:25
S6	20	(waveguide\$2 fiber \$2 fibre\$2) same core\$2 and core\$2 same clad\$5 same (index\$3 indic\$4) and core\$2 near7 (inclin\$5 cone\$1) same (diverg\$4 parall\$4 collimat\$4) and (waveguide\$2 fiber\$2 fibre\$2 core \$2) same diverg\$4 and (waveguide\$2 fiber\$2 fibre\$2 core \$2) same angl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:38
S7	14	S6 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:25
S8	14	(US-20070025671-\$ or US-20060039418-\$ or US- 20060002434-\$ or US-20050204780-\$ or US-20030103724-\$). did. or (US- 7251259-\$ or US- 5892556-\$ or US- 5845038-\$ or US- 5787215-\$ or US- 5117433-\$ or US- 4943137-\$ or US- 4834497-\$ or US- 4628416-\$ or US- 4378143-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:25
S9	14	S8 and core\$2 near7 (inclin\$5 cone \$1) same (diverg\$4 parall\$4 collimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:35

S10	1	S1 and core\$2 near7 (inclin\$5 cone \$1) near5 surfac\$4 same (diverg\$4 parall\$4 collimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:36
S11	405	core\$2 near7 (inclin \$5 cone\$1 taper\$4) near5 surfac\$4 same (diverg\$4 parall\$4 collimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:53
S12	33	S11 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5 and (waveguide\$2 fiber\$2 fibre\$2 core \$2) same angl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:09
S13	30	S12 and (waveguide \$2 fiber\$2 fibre\$2 core\$2) same shap \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 17:40
S14	29	(US-20070140636-\$ or US-20060272853-\$ or US- 20060140546-\$ or US-20060062521-\$ or US-20060002434-\$ or US- 20050169566-\$ or US-20040234205-\$ or US-20040066806-\$ or US- 20030235371-\$ or US-20030156813-\$ or US-20030086448-\$ or US- 20030081899-\$ or US-20030044118-\$ or US-20030035632-\$).did. or (US- 7218809-\$ or US- 6950588-\$ or US- 6934443-\$ or US- 6925098-\$ or US- 6922508-\$ or US- 6904220-\$ or US- 6886996-\$ or US- 6782164-\$ or US- 6690694-\$ or US- 6647032-\$ or US- 5349600-\$ or US-	US-PGPUB; USPAT	OR	OFF	2007/08/23 17:42

		4351585-\$ or US-4210923-\$ or US-3832028-\$ or US-3756688-\$).did.				
S15	29	S14 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:10
S16	3	S12 not S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:06
S17	42	S11 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:16
S18	9	S17 not S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:09
S19	9	(US-20070013017-\$ or US-20060016962- \$ or US- 20050123245-\$ or US-20020031299-\$). did. or (US-7068911- \$ or US-6885808-\$ or US-6243524-\$ or US-5222177-\$).did. or (EP-480618-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/23 18:09
S20	9	S19 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:10
S21	97	core\$2 near7 (conical) near5 surfac\$4 same (diverg\$4 parall\$4 collimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:19
S22	97	S21 not (S16 S5 S12 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:37
S23	2	S22 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:19
S24	375	core\$2 near7 (conical) same (diverg\$4 parall\$4 collimat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:34

S25	10	S24 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:35
S26	8	S25 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:20
S27	253	core\$2 near7 (conical) same (beam light)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:34
S28	85	S27 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:36
S29	84	S28 not (S22 S16 S5 S12 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:36
S30	84	S28 not (S21 S22 S16 S5 S12 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:36
S31	84	S28 not (S21 S16 S5 S12 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:31
S32	84	S28 not (S22 S16 S5 S12 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:54
S33	1513	core\$2 near4 (cone \$1 taper\$4) near5 surfac\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 19:11
S34	98	S33 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:38
S35	77	S34 not (S32 S22 S16 S5 S12 S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 18:55
S36	12	S35 and (inner outer first second) adj1 core\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 19:12
S37	652	core\$2 near4 (cone \$1) near4 (struct\$6 shap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 19:11
S38	35	S37 and (waveguide \$2 fiber\$2 fibre\$2) same core\$2 and core\$2 same clad\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 19:12

S39	2	S38 and (inner outer first second) adj1 core\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 19:13
S40	19	(US-20070177845-\$ or US-20050204780- \$ or US- 20030081899-\$ or US-20030156813-\$ or US-20030044118- \$ or US- 20060062521-\$ or US-20050117845-\$). did. or (US-6934443- \$ or US-3756688-\$ or US-3832028-\$ or US-7218809-\$ or US- 5907650-\$ or US- 4611885-\$ or US- 5671314-\$ or US- 6340813-\$ or US- 6301411-\$ or US- 6094517-\$ or US- 6236783-\$).did. or (JP-59088672-\$). did.	US-PGPUB; USPAT; JPO	OR	OFF	2007/08/23 19:22
S41	11	S40 and (inner outer first second) adj2 core\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 19:13
S42	19	S40 and cor\$2	US-PGPUB; USPAT; JPO	OR	OFF	2007/08/23 20:40
S43	17	S40 and (cores core \$2 near3 (first second layer\$2 central\$4 inner outer))	US-PGPUB; USPAT; JPO	OR	OFF	2007/08/23 20:43
S44	17	S40 and (cores core \$2 near3 (first second layer\$2 central\$4 inner outer))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/08/23 21:03
S45	7	S40 and (light beam wavelength\$2) near3 clad\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/08/23 21:04
S46	10	S40 and (light beam wavelength\$2 guid \$4) near4 clad\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/08/23 21:04
S47	1	(DE-3544136-\$).did.	DERWENT	OR	OFF	2007/08/23 21:30

S48	1	S47 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:37
S49	1	(US-6236783-\$).did.	USPAT	OR	OFF	2007/08/23 21:35
S50	1	S49 and S36	USPAT	OR	OFF	2007/08/23 21:32
S51	1	S49 S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:33
S52	2	S47 S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:33
S53	2	S48 S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:35
S54	0	S28 and S49	USPAT	OR	OFF	2007/08/23 21:35
S56	1	S47 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:38
S57	1	S34 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:38
S58	2	S56 S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/23 21:39
S59	19	(US-20050204780-\$ or US-20030081899-\$ or US-20030156813-\$ or US-20030044118-\$ or US-20060062521-\$ or US-20050117845-\$). did. or (US-6934443-\$ or US-3756688-\$ or US-3832028-\$ or US-7218809-\$ or US-5907650-\$ or US-4611885-\$ or US-5671314-\$ or US-6340813-\$ or US-6301411-\$ or US-6094517-\$ or US-6236783-\$).did. or (JP-59088672-\$). did. or (DE-3544136-\$). did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/08/27 13:55

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